

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES**

In re Application of: Kuldeep JAIN <i>et al.</i>	Confirmation No.: 4567
Application No.: 10/752,891	Group Art Unit: 2166
Filed: January 7, 2004	Examiner: Harper, Eliyah Stone

For: REMOTE MANAGEMENT AND ACCESS OF DATABASES, SERVICES  
AND DEVICES ASSOCIATED WITH A MOBILE TERMINAL

Commissioner for Patents  
Alexandria, VA 22313-1450

**APPEAL BRIEF**

Dear Sir:

This Appeal Brief is submitted in response to Pre-Brief Appeal Conference decision dated May 7, 2010.

**I. REAL PARTY IN INTEREST**

The real party in interest is Nokia Corporation, a corporation organized under the laws of Finland and having a place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland. The above referenced patent application is assigned to Nokia Corporation.

**II. RELATED APPEALS AND INTERFERENCES**

Appellants are unaware of any related appeals and interferences.

**III. STATUS OF THE CLAIMS**

Claims 1-53 are pending in this appeal. No claim is allowed. This appeal is therefore taken from the final rejection of claims 1-53 on July 20, 2009.

**IV. STATUS OF AMENDMENTS**

All amendments to the claims have been entered.

**V. SUMMARY OF THE CLAIMED SUBJECT MATTER**

The claimed invention addresses problems associated with accessing and managing mobile terminals. In particular, the claimed invention provides for remote functional access to devices, services, and applications associated with the mobile terminal. The user of the mobile terminal has remote access to all of the databases and functions provided by the mobile terminal. If the user should not be in possession of the mobile terminal, the user may still functionally access the databases, services and devices using a remote network device, such as a PC.

In addition to user access, the claimed invention provides for service providers or service administrators to remotely access and manage the mobile terminal. The mobile terminal includes a data processor that executes a web server application and content engine application. It is this web server application that is executed on and by the mobile terminal that provides for a remote network device to access the mobile terminal via a communication link, e.g. the Internet. The content engine is in communication with the web server application and provides functional access, by a remote access device, to one or more devices associated with the mobile terminal.

Independent claim 1 recites:

1. A mobile terminal apparatus, the apparatus comprising:

a processor (See, e.g., Specification, page 4, lines 3-12; page 11, line 29; Fig. 1, processor 30) that is configured to execute:

a web server (See, e.g., Specification, page 4, lines 3-12; Figs. 2 and 3, web server 32) configured to provide for a remote network device (See, e.g., Specification, page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24) to access the mobile terminal (See, e.g., Specification, page 4, lines 3-12; page 11, line 6; Figs. 1, 2, and 3, terminal 10) via a wireless communication link (See, e.g., Specification, page 4, lines 3-12; page 13, lines 24-31; Figs. 2, layer 76 defining the connection); and

a content engine application (See, e.g., Specification, page 4, lines 3-19; Figs. 2 and 3, content engine 34) in communication with the web server (See, e.g., Specification, page 4, lines 3-12; Figs. 2 and 3, web server 32) that is configured to provide functional access by the remote network device (See, e.g., Specification, page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24) to one or more devices associated with the mobile terminal; and

a memory having the web server and the content engine application stored therein (See, e.g., memory within terminal 10; Figs. 1, 2, and 3).

Dependent claim 4 recites:

4. The apparatus of Claim 1, wherein the processor is further configured to execute a display redirect application configured to provide for redirecting display of accessed devices from the mobile terminal display to a display associated with the remote network device (See, e.g., Specification, page 9, lines 28-31).

Independent claim 14 recites:

14. A method comprising:

providing for a mobile terminal (See, e.g., Specification, page 5, lines 13-26; page 11, line 6; Figs. 1, 2, and 3, terminal 10) that implements a web server (See, e.g., Specification, page 4, lines 3-12; Figs. 2 and 3, web server 32) and a content engine application (See, e.g., Specification, page 4, lines 3-19; Figs. 2 and 3, content engine 34) configured to provide access, via the web server (See, e.g., Specification, page 4, lines 3-12; Figs. 2 and 3, web server 32), to one or more devices associated with the mobile terminal;

initiating a web browser application (See, e.g., Specification, page 5, lines 13-26; page 12, lines 29-30; Fig. 1, web browser application 42) at a remote network device (See, e.g., Specification, page 5, lines 13-26; page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24) that is configured to provide for a network communication link (See, e.g., Specification, page 5, lines 13-26; page 11, lines 16-25; Fig. 1, connection of device 24 via the Internet 22);

accessing, at the remote network device (See, e.g., Specification, page 5, lines 13-26; page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24), the mobile terminal (See, e.g., Specification, page 5, lines 13-26; page 11, line 6; Figs. 1, 2, and 3, terminal 10) via a network connection (See, e.g., Internet connection 22 in Fig. 1) to the web server (See, e.g., Specification, page 5, lines 13-26; Figs. 2 and 3, web server 32) of the mobile terminal (See, e.g., Specification, page 5, lines 13-26; page 11, line 6; Figs. 1, 2, and 3, terminal 10); and

activating, at the remote network device, one or more devices associated with the mobile terminal (See, e.g., Specification, page 5, lines 13-26; page 11, line 29-page 13, line 13; Fig. 1).

Independent claim 25 recites:

25. A method comprising:

accessing, at a remote network device (See, e.g., Specification, page 6, lines 3-15; page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24), the mobile terminal (See, e.g., Specification, page 6, lines 3-15; page 11, line 6; Figs. 1, 2, and 3, terminal 10) via a network connection (See, e.g., Internet connection 22 in Fig. 1) to a web server (See, e.g., Specification, page 6, lines 3-15; Figs. 2 and 3, web server 32) executed by the mobile terminal (See, e.g., Specification, page 6, lines 3-15; Figs. 2 and 3, web server 32); and

managing the mobile terminal from the remote network device once the mobile terminal has been accessed by the remote network device (See, e.g., Specification, page 6, lines 3-22; page 11, line 29-page 13, line 13; Fig. 1).

Dependent claim 28 recites:

28. The method of Claim 25, wherein managing the mobile terminal further includes debugging the mobile terminal by tracing data communicated from the mobile terminal (See, e.g., Specification, page 10, lines 11-13).

Independent claim 34 recites:

34. A computer program product comprising a computer-readable storage medium having computer-readable program code instructions stored therein, the computer-readable program code instructions (See, e.g., Specification, page 6, line 22-page 7, line 2; page 16, line 20-page 17, line 6) comprising:

- a program code instruction configured for providing a remote network device (See, e.g., Specification, page 6, line 22-page 7, line 2; page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24) access to a mobile terminal (See, e.g., Specification, page 6, line 22-page 7, line 2; page 11, line 6; Figs. 1, 2, and 3, terminal 10), wherein the program code instruction for providing a remote network device access to a mobile terminal comprises instructions configured for awaiting the receipt of a web-based transfer protocol request from the remote network device (See, e.g., Specification, page 6, line 22-page 7, line 2; page 13, line 24-page 14, line 4; Fig. 2, protocols 76) and instructions configured for responding to a web-based transfer protocol request received from the remote network device by communicating a web-based transfer protocol response to the remote network device (See, e.g., Specification, page 6, line 22-page 7, line 2; page 13, line 24-page 14, line 4; Fig. 2, protocols 76); and
- a program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal (See, e.g., Specification, page 6, line 22-page 7, line 2; page 11, line 29-page 13, line 13; Fig. 1).

Independent claim 43 recites:

43. A system comprising:

a mobile terminal (See, e.g., Specification, page 7, lines 14-29; page 11, line 6; Figs. 1, 2, and 3, terminal 10) including a first processor (See, e.g., Specification, page 7, lines 14-29; page 11, line 29; Fig. 1, processor 30) that is configured to execute a web server (See, e.g., Specification, page 7, lines 14-29; Figs. 2 and 3, web server 32) and a content engine application (See, e.g., Specification, page 7, lines 14-29; Figs. 2 and 3, content engine 34) in communication with the web server (See, e.g., Specification, page 7, lines 14-29; Figs. 2 and 3, web server 32), wherein the content engine application (See, e.g., Specification, page 7, lines 14-29; Figs. 2 and 3, content engine 34) is configured to provide functional access to one or more devices associated with the mobile terminal (See, e.g., Specification, page 7, lines 14-29; page 11, line 29-page 13, line 13; Fig. 1); and

a remote network device (See, e.g., Specification, page 7, lines 14-29; page 11, lines 16-28; page 12, line 16; page 14, line 8; Figs. 1 and 3, remote network device 24) including a second processor (See, e.g., Specification, page 7, lines 14-29; page 11, line 31; Fig. 1, processor 40) that is configured to execute a web browser application (See, e.g., Specification, page 7, lines 14-29; page 12, lines 29-30; Fig. 1, web browser application 42) that is configured to provide access to the web server (See, e.g., Specification, page 7, lines 14-29; Figs. 2 and 3, web server 32) of the mobile terminal (See, e.g., Specification, page 7, lines 14-29; page 11, line 6; Figs. 1, 2, and 3, terminal 10) via a network connection (See, e.g., Internet connection 22 in Fig. 1) and to provide access to the content engine application of the mobile terminal for the purpose of functionally accessing one or more devices associated with the mobile terminal (See, e.g., Specification, page 7, lines 14-29; page 11, line 29-page 13, line 13; Fig. 1).

**VI. GROUND OF REJECTION TO BE REVIEWED ON APPEAL**

Claims 1-53 were rejected for obviousness under 35 U.S.C. §103(a) based on *Watkinson* (US 2005/0131957) in view of *Lee et al.* (US 2002/0120719).

**VII. ARGUMENT**

**CLAIMS 1-53 ARE NOT RENDERED OBVIOUS BY *WATKINSON* AND *LEE ET AL.* BECAUSE THE COMBINATION OF REFERENCES DOES NOT DISCLOSE OR SUGGEST THE CLAIMED MOBILE TERMINAL THAT EXECUTES/IMPLEMENTS A WEB SERVER.**

The initial burden of establishing a *prima facie* basis to deny patentability to a claimed invention under any statutory provision always rests upon the Examiner. *In re Mayne*, 104 F.3d 1339, 41 USPQ2d 1451 (Fed. Cir. 1997); *In re Deuel*, 51 F.3d 1552, 34 USPQ2d 1210 (Fed. Cir. 1995); *In re Bell*, 991 F.2d 781, 26 USPQ2d 1529 (Fed. Cir. 1993); *In re Oetiker*, 977 F.2d 1443, 24 USPQ2d 1443 (Fed. Cir. 1992). In rejecting a claim under 35 U.S.C. §103, the Examiner is required to provide a factual basis to support the obviousness conclusion. *In re Warner*, 379 F.2d 1011, 154 USPQ 173 (CCPA 1967); *In re Lunsford*, 357 F.2d 385, 148 USPQ 721 (CCPA 1966); *In re Freed*, 425 F.2d 785, 165 USPQ 570 (CCPA 1970).

Independent claim 1 recites a “**mobile terminal apparatus...comprising a processor that executes a web server.**” Independent claim 14 recites “providing for a **mobile terminal that implements a web server** and a content engine application configured to provide access, via the web server, to one or more devices associated with the mobile terminal.” Independent claim 25 recites “accessing, at a remote network device, the mobile terminal via a network connection to a **web server executed by the mobile terminal.**” Independent claim 34 recites “a program code instruction configured for providing a remote network device access to a mobile terminal,



wherein the program code instruction for providing a remote network device access to a mobile terminal comprises instructions configured for awaiting the receipt of a **web-based transfer protocol request from the remote network device...**” Independent claim 43 recites “a mobile terminal including a first processor that is configured to execute a web server...” Accordingly, each of claims 1 through 53 recites a **mobile terminal that executes/implements a web server**, or something similar.

The Examiner has acknowledged that *Watkinson* lacks any teaching of such a mobile terminal executing/implementing a web server (see the paragraphing bridging pages 3-4 of the Final Office Action), and relied solely on *Lee et al.* to provide for this claim feature. In particular, the Examiner cited paragraphs [0024] and [0105] for a teaching of a “web server that provides for a remote network device to access the mobile terminal via a wireless communication link.” Paragraph [0024] does recite that an “end user may access the WAP server at a mobile carrier, and the mobile server/WAP server communicate in HTTP over an internet, or a LAN, with a Web Server” and paragraph [0105] does recite that a “push program will send the alert in a WML to the mobile phone 41, via the WAP gateway, 51” and that a “mobile user can select the URL in the alert and send a response or status update back to the SWE using the WML communication mechanism.”

Thus, while *Lee et al.* may provide for a “web server that provides for a remote network device to access the mobile terminal via a wireless communication link,” the instant claims recite a “**mobile terminal** apparatus...comprising a processor that **executes a web server**” or “a **mobile terminal** that **implements a web server**.” The claimed invention provides for the mobile terminal executing or implementing a web server that provides remote network devices access to an addressable website, portal, or homepage that resides on the mobile terminal. The mobile

terminal will generally function similar to an origin server residing on the Internet (See page 9, lines 16-23, of the instant specification, for example). Although the Examiner has tried on numerous occasions to provide a reference that discloses such a feature, the Examiner has not yet succeeded in doing so and such piecemeal prosecution is both unfair and costly to Appellants.

The Examiner is clearly overlooking the plain text reading of the claims, as the claims do not recite a “web server that provides for a remote network device to access the mobile terminal via a wireless communication link,” as in *Lee et al.*, but rather recite that the **mobile terminal executes/implements a web server**.

*Lee et al.* is at least the third secondary reference that the Examiner has relied on for an alleged teaching of a **mobile terminal executing/implementing a web server** during a long and tortuous prosecution, and, just like the previous applied references, *Lee et al.* fails to disclose any such feature.

Similar to the *Nakanaga* reference applied in a previous rejection, *Lee et al.*, at best, provides for mobile terminals that implement a browsing function and are configured to access a homepage from a web server located on the network side and not on a mobile terminal.

While independent claim 34 does not specifically recite a “web server,” the claim is directed to an application that is capable of providing a remote network device access to a mobile terminal, and of providing the accessed remote network device functional access to one or more devices associated with the mobile terminal. Thus, independent claim 34, like independent claims 1, 14, 25, and 43, is clearly patentable under 35 U.S.C. §103(a) based on *Watkinson* in view of *Lee et al.*

Moreover, taking independent claim 1 as exemplary, the web server application and the content engine application are both part of the mobile terminal apparatus and the content engine

application in communication with the web server provides “functional access by the remote network device to one or more devices associated with the mobile terminal.” The Examiner asserted that *Watkinson* discloses a content engine application at paragraph [0030] but acknowledged that no web server is disclosed therein (see pages 3-4 of the Final Office Action). Paragraph [0030] of *Watkinson* is directed to updating Mobile Imagebase databases. To the extent the Examiner is equating such databases with the claimed content engine application, the reasoning is flawed because the Mobile Imagebase databases of *Watkinson* do not “provide functional access by the remote network device to one or more devices associated with the mobile terminal.” Rather, the Mobile Imagebase merely propagates changes to other users’ databases. PDAs of other users are hardly “devices associated with the mobile terminal.”

Further, while *Lee et al.* discloses a web server application, there is no suggestion in either of the references to include such a web server application together with a content engine application (or the Mobile Imagebase database of *Watkinson*) in the same mobile terminal (specifically within the same memory) in order “to provide functional access by the remote network device to one or more devices associated with the mobile terminal,” as claimed.

Still further, neither of the applied references teaches or suggests “managing the mobile terminal from the remote network device,” as in independent claim 25. Neither the synchronization of database records in *Watkinson* nor the transferring of data between a server and one or more clients over a network, as in *Lee et al.*, is a “management” of the mobile terminal from a remote network device.

Moreover, claim 4 is patentable apart from independent claim 1 from which it depends. Specifically, claim 4 recites “wherein the processor is further configured to execute a display redirect application configured to provide **for redirecting display of accessed devices from the**

**mobile terminal display to a display associated with the remote network device.”** This feature is nowhere taught or suggested by the applied references. The Examiner asserted that this feature is taught at paragraph [0099] of *Lee et al.* but reference to that cited portion reveals only a discussion of view templates and how and how it may be used for displaying a view, specifying “what Applets should appear in the card.” Thus, *Lee et al.* suggests nothing regarding the **redirection** of a display of accessed devices from the mobile terminal to another display associated with a remote network device.

Still further, claim 28 is patentable apart from independent claim 25 from which it depends. Specifically, claim 28 recites “wherein managing the mobile terminal further includes **debugging** the mobile terminal **by tracing data communicated from the mobile terminal.**” This feature is nowhere taught or suggested by the applied references. The Examiner asserted that this feature is taught at paragraph [0113] of *Lee et al.* but reference to that cited portion reveals only a discussion of real time updating of various items (e.g., personnel, leads, pricing, etc.) and that notification can be delivered by push technology, but there is no suggestion of any “debugging,” let alone, “**debugging** the mobile terminal **by tracing data communicated from the mobile terminal.**” Thus, *Lee et al.* suggests nothing regarding the **debugging** of a mobile terminal by tracing data communicated from the mobile terminal.

Since neither *Watkinson* nor *Lee et al.*, nor any combination thereof, discloses the claim feature of a **mobile terminal executing/implementing a web server**, as in independent claims 1, 14, 25, and 43, or the claim feature of an application capable of providing a remote network device access to a mobile terminal, and of providing the accessed remote network device functional access to one or more devices associated with the mobile terminal, as in independent claim 34, or other features argued *supra*, the Examiner’s rejection of claims 1-53 under 35

U.S.C. §103(a) is clearly erroneous and fails to present a *prima facie* case of obviousness. Accordingly, reversal, by the Honorable Board, of the Examiner's rejection of claims 1-53 under 35 U.S.C. §103(a) is respectfully solicited.

#### **VIII. CONCLUSION AND PRAYER FOR RELIEF**

For the foregoing reasons, Appellants request the Honorable Board to reverse each of the Examiner's rejections.

To the extent necessary, a petition for an extension of time under 37 C.F.R. §1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 504213 and please credit any excess fees to such deposit account.

Respectfully Submitted,

DITTHAVONG MORI & STEINER, P.C.

July 7, 2010  
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**IX. CLAIMS APPENDIX**

1. A mobile terminal apparatus, the apparatus comprising:  
  
a processor that is configured to execute:  
  
a web server configured to provide for a remote network device to access the mobile terminal  
  
via a wireless communication link; and  
  
a content engine application in communication with the web server that is configured to  
  
provide functional access by the remote network device to one or more devices associated  
  
with the mobile terminal; and  
  
a memory having the web server and the content engine application stored therein.
2. The apparatus of Claim 1, wherein the content engine application is configured to provide  
functional access by the remote network device to one or more databases associated with the  
mobile terminal.
3. The apparatus of Claim 1, wherein the content engine application is further configured to  
provide functional access by the remote network device to one or more mobile terminal services  
associated with the mobile terminal.
4. The apparatus of Claim 1, wherein the processor is further configured to execute a display  
redirect application configured to provide for redirecting display of accessed devices from the  
mobile terminal display to a display associated with the remote network device.
5. The apparatus of Claim 1, wherein the processor is further configured to execute a security  
application configured to provide secure remote network device access to the one or more mobile  
terminal devices.

6. The apparatus of Claim 1, wherein the content engine application configured to provide for functional access by the remote network device to one or more mobile terminal devices further defines the one or more mobile terminal devices as one or more mobile terminal devices chosen from the group consisting of a mobile terminal telephone, a mobile terminal camera, a mobile terminal video recorder, a mobile terminal audio recorder and a mobile terminal Global Positioning System (GPS) device.

7. The apparatus of Claim 2, wherein the content engine application configured to provide for functional access by the remote network device to one or more mobile terminal databases further defines the one or more mobile terminal databases as one or more mobile terminal databases chosen from the group consisting of a contact database, a message database, a telephone listing database, a telephone call database, a visual image database, and a calendar event database.

8. The apparatus of Claim 3, wherein the content engine application that is further configured to provide for functional access by the remote network device to one or more mobile terminal services further defines the one or more mobile device services as one more mobile terminal services chosen from the group consisting of a messaging service, an entertainment service, and a Mobile Information Device (MIDlet).

9. The apparatus of Claim 1, wherein the processor is further configured to execute a search engine application in communication with the content engine application that is configured to provide the user of the remote network device the capability to search mobile terminal databases.

10. The apparatus of Claim 1, wherein the data processor is further configured to execute a groupware application in communication with the content engine application that is configured to

provide the remote network device the capability to share, via the communication network, mobile device database information with one or more networked devices.

11. The apparatus of Claim 1, further comprising a memory module in communication with the content engine that is configured to provide the user of the remote network device the capability to store data in the memory module.

12. The apparatus of Claim 1, further comprising a hypertext transfer protocol push application in communication with the content engine application that is configured to provide for information to be pushed from the mobile terminal to the remote network device during an active networking session.

13. The apparatus of Claim 12, further comprising a motion sensor in communication with the hypertext transfer protocol push application that is configured to provide for information to be pushed from the mobile terminal to the remote network device during an active networking session when requisite motion occurs within the mobile terminal.

14. A method comprising:

providing for a mobile terminal that implements a web server and a content engine application configured to provide access, via the web server, to one or more devices associated with the mobile terminal;

initiating a web browser application at a remote network device that is configured to provide for a network communication link;

accessing, at the remote network device, the mobile terminal via a network connection to the web server of the mobile terminal; and



activating, at the remote network device, one or more devices associated with the mobile terminal.

15. The method of Claim 14, wherein providing for a mobile terminal that implements a content engine further comprises providing for a mobile terminal that implements a content engine that is configured to provide access, via the web server, to one or more databases associated with the mobile terminal.

16. The method of Claim 15, further comprising accessing, at the remote network device, one or more databases associated with the mobile terminal.

17. The method of Claim 16, wherein accessing, at the remote network device, one or more databases associated with the mobile terminal further comprises accessing, at the remote network device, one or more databases chosen from the group consisting of phonebook database, electronic mail database, calendar database, a media file database, a text file database, and contact database.

18. The method of Claim 14, wherein providing for a mobile terminal that implements a content engine further comprises providing for a mobile terminal that implements a content engine configured to provide access, via the web server of the mobile terminal, to one or more device services associated with the mobile terminal.

19. The method of Claim 18, further comprising activating, at the remote network device, one or more device services associated with the mobile terminal.

20. The method of Claim 19, wherein activating, at the remote network device, one or more devices services associated with the mobile terminal further comprises accessing, at the remote

network device, one or more devices services chosen from the group consisting of a messaging service, a Mobile Information Device (MIDlet), a search service and an entertainment service.

21. The method of Claim 14, wherein accessing, at the remote network device, one or more devices associated with the mobile terminal further comprises activating, at the remote network device, a Global Position System device associated with the mobile terminal for the purpose of locating the mobile terminal.

22. The method of Claim 14, wherein accessing, at the remote network device, one or more devices associated with the mobile terminal further comprises activating, at the remote network device, a camera associated with the mobile terminal.

23. The method of Claim 14, wherein accessing, at the remote network device, one or more devices associated with the mobile terminal further comprises activating, at the remote network device, a video recording device associated with the mobile terminal.

24. The method of Claim 14, wherein accessing, at the remote network device, one or more devices associated with the mobile terminal further comprises activating, at the remote network device, a telephone associated with the mobile terminal.

25. A method comprising:

accessing, at a remote network device, the mobile terminal via a network connection to a web server executed by the mobile terminal; and  
managing the mobile terminal from the remote network device once the mobile terminal has been accessed by the remote network device.

26. The method of Claim 25, wherein managing the mobile terminal further includes displaying at the remote network device the identical display of information provided to the mobile terminal.

27. The method of Claim 25, wherein managing the mobile terminal further includes accessing the applications associated with the mobile terminal to provide diagnostic analysis to the mobile terminal.

28. The method of Claim 25, wherein managing the mobile terminal further includes debugging the mobile terminal by tracing data communicated from the mobile terminal.

29. The method of Claim 25, wherein managing the mobile terminal further includes monitoring the performance of the mobile terminal.

30. The method of Claim 29, wherein monitoring the performance of the mobile terminal further includes monitoring the strength of the wireless signal provided to the mobile terminal.

31. The method of Claim 25, wherein managing the mobile terminal further includes monitoring the usage of applications associated with the mobile terminal.

32. The method of Claim 25, wherein managing the mobile terminal further includes monitoring the usage of devices associated with the mobile terminal.

33. The method of Claim 25, wherein managing the mobile terminal further includes modifying the applications associated with the mobile terminals.

34. A computer program product comprising a computer-readable storage medium having computer-readable program code instructions stored therein, the computer-readable program code instructions comprising:

- a program code instruction configured for providing a remote network device access to a mobile terminal, wherein the program code instruction for providing a remote network device access to a mobile terminal comprises instructions configured for awaiting the receipt of a web-based transfer protocol request from the remote network device and instructions configured for responding to a web-based transfer protocol request received from the remote network device by communicating a web-based transfer protocol response to the remote network device; and
- a program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal.

35. The computer program product of Claim 34, wherein the program code instruction for providing the remote network device functional access to one or more devices associated with the mobile terminal further includes an instruction configured for providing the remote network device functional access to one or more databases associated with the mobile terminal.

36. The computer program product of Claim 34, wherein the program code instruction for providing the remote network device functional access to one or more devices associated with the mobile terminal further includes an instruction configured for providing the remote network device functional access to one or more services associated with the mobile terminal.

37. The computer program product of Claim 35, wherein the program code instruction configured for providing the remote network device functional access to one or more databases

associated with the mobile terminal further defines the one or more databases as chosen from the group consisting of a phonebook database, electronic mail database, calendar database, a media file database, a text file database, and contact database.

38. The computer program product of Claim 36, wherein the program code instruction configured for providing the remote network device functional access to one or more services associated with the mobile terminal further defines the one or more devices services chosen from the group consisting of a messaging service, an Mobile Information Device (MIDlet), a search service and an entertainment service.

39. The computer program product of Claim 34, wherein the program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal further comprises an instruction configured for providing the remote network device functional access to a telephone associated with the mobile terminal.

40. The computer program product of Claim 34, wherein the program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal further comprises an instruction configured for providing the accessed remote network device functional access to a Global Position System (GPS) device associated with the mobile terminal.

41. The computer program product of Claim 34, wherein the program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal further comprises an instruction configured for providing the remote network device functional access to a camera associated with the mobile terminal.

42. The computer program product of Claim 34, wherein the program code instruction configured for providing the remote network device functional access to one or more devices associated with the mobile terminal further comprises an instruction configured for providing the remote network device functional access to a video recording device associated with the mobile terminal.

43. A system comprising:

a mobile terminal including a first processor that is configured to execute a web server and a content engine application in communication with the web server, wherein the content engine application is configured to provide functional access to one or more devices associated with the mobile terminal; and

a remote network device including a second processor that is configured to execute a web browser application that is configured to provide access to the web server of the mobile terminal via a network connection and to provide access to the content engine application of the mobile terminal for the purpose of functionally accessing one or more devices associated with the mobile terminal.

44. The system of Claim 43, wherein the content engine application is further configured to provide functional access to one or more databases associated with the mobile terminal.

45. The system of Claim 43, wherein the content engine application is further configured to provide functional access to one or more services associated with the mobile terminal.

46. The system of Claim 43, wherein the content engine application is configured to provide functional access to one or more devices associated with the mobile terminal, the one or more

devices chosen from the group consisting of a telephone device, a camera device, a video recording device, an audio recording device, a Global Positioning System device.

47. The system of Claim 44, wherein the content engine application is configured to provide functional access to one or more databases associated with the mobile terminal, the one or more databases chosen from the group consisting of a phonebook database, electronic mail database, calendar database, a media file database, a text file database, and contact database.

48. The system of Claim 45, wherein the content engine application is configured to provide functional access to one or more databases associated with the mobile terminal, the one or more databases chosen from the group consisting of a messaging service, an Mobile Information Device (MIDlet), a search service and an entertainment service.

49. The system of Claim 43, wherein the second processor executes a web browser application that is configured to provide access to the web server of the mobile terminal via a network connection, the network connection chosen from the group consisting of Internet, Universal Serial Bus, serial port, parallel port, wireless local area network and infrared.

50. The apparatus of Claim 1, wherein the web server is configured to instruct the data processing device to await the receipt of a HyperText Transfer Protocol (HTTP) request from the remote network device, and wherein the web server is further configured to instruct the data processing device to respond to a HTTP request received from the remote network device by communicating an HTTP response to the remote network device.

51. The method of Claim 14, wherein accessing, at the remote network device, the mobile terminal via a network connection to the web server of the mobile terminal comprises

communicating a HyperText Transfer Protocol (HTTP) request to the mobile terminal via the network connection.

52. The method of Claim 25, wherein accessing, at the remote network device, the mobile terminal via a network connection to the web server executed by the mobile terminal comprises communicating a HyperText Transfer Protocol (HTTP) request to the mobile terminal via the network connection.

53. The system of Claim 43, wherein the web browser application of the remote network device is configured to provide access to the web server of the mobile terminal by communicating HyperText Transfer Protocol (HTTP) requests to the web server-via the network connection and by receiving HTTP responses from the web server via the network connection.



**X. EVIDENCE APPENDIX**

Appellants are unaware of any evidence that is required to be submitted in the present Evidence Appendix.

**XI. RELATED PROCEEDINGS APPENDIX**

Appellants are unaware of any related proceedings that are required to be submitted in the present Related Proceedings Appendix.